

Weekly Metrics for March 30 – April 5, 2003

Mission (Launch Date)	Instrument	Category	Data Center	RQMTS (GB)	Requirements * Factor	Actual (GB)	Footnote
SORCE (1/03)	TIM/SIM/ SOLSTICE/ XPS	L0 Ingest Archive	GSFC GSFC	0.8	1X Baseline	1	U
				0.8	1X Baseline	1	U
ICESat (1/03)	GLAS	L0 Ingest Archive	NSIDC NSIDC	41	1X Baseline	18	X
				41	1X Baseline	18	X
Aqua (5/02)	AIRS	L0 Ingest	GSFC	98	1X Baseline	94	A, V
		L1 Prod	GSFC	400	1X Baseline	383	A, V
		L2 - 3 Prod	GSFC	35	0.5X Baseline	81	A, V
		Archive	GSFC	533	Baseline	559	A, V
		Distribution	GSFC			118	
	AMSR-E	<i>Production</i>		435	1X Baseline	4	
		<i>End users</i>				1	W
		<i>Data Pool</i>					
		L0 Ingest	NSIDC	10	1X Baseline	6	B
		L1 Ingest	NSIDC	10	1X Baseline	0	B, C
		L2-L3 Prod	GHRC	12	0.5X Baseline	0	C
		Archive	NSIDC	32	Baseline	6	C
		Distribution	NSIDC			7	
		<i>Production</i>		17	0.5X Baseline	0.3	C, G
		<i>End Users</i>					
	CERES	Archive	LaRC	58	Baseline	Included	
		Distribution	LaRC			In	
	MODIS	<i>Testing/QA</i>		1,421	IT Requirements	Terra	See
		<i>End Users</i>		107	1X Baseline	CERES	Footnote S
		L0 Ingest	GSFC	469	1X Baseline	501	
		L1 Prod	GSFC	2,498	1X Baseline	2,528	
		L2-L4 Prod	MODAPS	801	0.5X Baseline	4,263	R
		Archive	EDC	540	Baseline	2,557	R
			GSFC	3,172	Baseline	1,592	R
			NSIDC	56	Baseline	113	R
		Distribution	GSFC				
		<i>Testing/QA</i>		362	IT Requirements	380	
		<i>To MODAPS/LaRC</i>				2,533	
		<i>End Users</i>		2,703	1X Baseline	380	G, O
		<i>Data Pool</i>				13	W
METEOR 3M (12/01)	SAGE III	Archive	LaRC	0.8	1X Baseline	0.3	D
		Distribution	LaRC				
		<i>End Users</i>		0.02	1X Baseline	0.2	
ACRIMSAT (12/99)	ACRIM 3	<i>Production</i>				0.1	
		Archive	LaRC	0.06	1X Baseline	0	D
	ASTER	L1A Ingest	EDC	680	1X Baseline	616	E
		L1B Ingest	EDC	271	1X Baseline	154	E
		L2-L3 Prod	EDC	1,203	3X Baseline	477	E
		Archive	EDC	2,154	Baseline	1,253	E
		Distribution	EDC				
	CERES	<i>End Users</i>		1,352	1X Baseline	538	G, O, P
		Archive	LaRC	351	Baseline	973	S
		Distribution	LaRC				
	MISR	<i>Testing/QA</i>		1,421	IT Requirements	0	S
		<i>End Users</i>		117	1X Baseline	318	G, O, X
		L0 Ingest	LaRC	249	1X Baseline	251	
		L1 Prod	LaRC	3,323	3X Baseline	883	F

Terra (12/99)		L2-L3 Prod Archive Distribution <i>Testing/QA</i> <i>Production</i> <i>End Users</i>	LaRC LaRC LaRC	281 3,853 137 1,201	3X Baseline Baseline IT Requirements 1X Baseline	134 1,268 59 2,377 941	F F G, O
	MODIS	L0 Ingest L1 Prod L2-L4 Prod Archive Distribution <i>End Users</i> Distribution <i>Testing/QA</i> <i>To MODAPS/LaRC</i> <i>End users</i> <i>Data Pool</i> Distribution <i>End Users</i> Distribution <i>End Users</i>	GSFC GSFC MODAPS EDC GSFC JPL NSIDC EDC GSFC JPL NSIDC	469 7,494 14,254 8,606 12,772 0 839 2,869 362 4,101 0 280	1X Baseline 3X Baseline 3X Baseline Baseline (L2-L4) Baseline (L0-L4) Baseline (L2-3) Baseline (L2-L3) 1X Baseline IT Requirements 1X Baseline Baseline 1X Baseline	512 8,924 11,776 8,924 14,763 30 468 1,212 459 9,526 2,212 208 1 51	M Q, T I, Q I, Q G, O W G, O
	MOPITT	L0 Ingest L1 Prod L2 Prod Archive Distribution <i>Production</i> <i>End Users</i>	LaRC SIPS SIPS LaRC LaRC	2 2 2 5 1	1X Baseline 3X Baseline 3X Baseline Baseline 1X Baseline	2 7 7 17 5 7	J J J G, O
	Landsat-7 (4/99)	ETM+ Archive Distribution	EDC EDC	1,071 58	250 Scenes ECS ICD	1,061 65	
	Jason-1 (12/01)	Poseidon 2 Archive (L0+) Distribution	JPL JPL	NA NA	NA NA	2 6	K
QuikScat (6/99)	SeaWinds	Archive (L0+) Distribution	JPL JPL	109	Weekly Average	41 121	K
TOPEX (8/92)	Poseidon	Archive (L1+) Distribution	JPL JPL	24	Weekly Average	0 164	K
Other Missions	AVHRR	Archive (L2+) Distribution	JPL JPL	NA NA	NA NA	42 44	

Notes:

- Includes data volumes for 3 instruments (AIRS, AMSU, and HSB).
- The actual L0 data rate from AMSR-E is 6.6 GB/week. This is lower than ESDIS baseline requirement. Updating of the baselined requirement is in process.
- The Japanese EOC is not planning to process and send any more AMSR-E data to US until AMSR-E calibration method is well established. It is expected that calibration will not be completed until March - April 2003. Regular delivery to US science team is not expected to occur before May 2003.
- Data from these instruments are not transmitted to DAAC daily.
- Volumes of ASTER L1A and L1B products are a function of production at ERSDAC in Japan. L1A and L1B volumes include the expedited data sets generated at EDC. ASTER L2 products are produced on demand, and the actual volumes may be significantly different from requirements.
- Very little reprocessing was done.
- Distribution requirements represent the delivered capacity for distribution. Because distribution is based on user orders, the actual distribution volumes may be significantly different from the available capacity.
- Ingest/archival of MODIS L2+ products is dependent on MODAPS reprocessing schedule.
- Includes reprocessed L1 – 2 products received from MOPITT SIPS.
- Distribution requirements are weekly averages of media distribution volumes based on subscriptions for a full year.
- Includes distribution of educational materials, in addition to AVHRR SST products.

- M. Actual archival volume includes that of the reprocessing campaign in addition to the current data.
- N. Does not include distribution by subsetting tool.
- O. Does not include distribution by data pool.
- P. Orders have decreased sharply with the advent of charging for low-level ASTER data.
- Q. Values reported here represent what have been archived at DAACs. MODAPS production may be higher.
- R. Ingest/archival of MODIS L2+ products are dependent on MODAPS processing schedule.
- S. Actual archival volume represents a total for 3 missions (TRMM, Terra, and Aqua).
- T. With the completion of the reprocessing of ocean products, only atmospheric and land products were reprocessed.
- U. Required and actual data volumes are for L0 products only. Higher-level product has not been produced yet.
- V. HSB is still in survival mode..
- W. Total amount of data distributed through Data Pool. Due to unavailability of user characteristics, further breakdown by user category (e.g., data producers, end users) is not possible at this time.
- X. Due to data anomaly observed on March 29, Laser #1 was shut down on the same day. The plan is to power on the Laser #1 after the anomaly has been thoroughly investigated. If the restart of Laser #1 is not successful, Laser #2 will be turned on.

* Baseline requirements refer to the September 2000 EOSDIS technical baseline (i.e., 3 X Baseline means three times the baseline). The QA requirements for distribution are the Level 2 requirements based on inputs from instrument teams (ITs).